



# California Crop Weather

Cooperating with the California Department of Food and Agriculture  
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**WEEK ENDING:** May 1, 2016  
**RELEASED:** May 2, 2016

**FREQUENCY:** Weekly  
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## WEATHER

For most of the week a fairly moist air mass resided over the State, which resulted in very little variation in temperatures. Lows were in the 20s to 30s in the mountains, 20s to 50s in the desert, and 40s to 50s along the coast and across the valley. Highs were in the 40s to 50s in the mountains, 60s to 70s along the coast and across the valley, and 60s to 80s in the desert.

The presence of the moist air mass led to multiple mornings of radiation fog across the valley and few instances of marine-based fog along parts of the coast. Every day last week precipitation fell in some part of the State. Repeated light rains provided most locations in the Sierras around half an inch of rain. Outside of the mountains, precipitation was much less reliable. Up to a quarter of an inch of light rain fell along the southern coast and into the southern desert. The heaviest rain fell along the immediate northwest coast, where nearly an inch of rain fell. In addition, nearly 0.75 inches of rain fell in places in the southern valley. Snow continued to fall on parts of the Sierras but amounts were generally light, with no more than 1 inch. Snowmelt continued to run near completion in the southern Sierras, with patchy snowfields still at the highest elevations. Estimated snowpacks were 2 to 4 feet above 9,000 feet in the central Sierras and 4 to 8 feet above 7,500 feet in the northern mountains.

## FIELD CROPS

**Alfalfa**, **oats**, and winter forage were cut, baled, and trucked from fields. Silage **corn** continued to grow. Winter **wheat** continued to mature and rated as 85 percent good to excellent. In Colusa County, the winter wheat crop was drying down and ripening. **Rice** was 15 percent planted by week's end. Warm, dry, and windy weather benefited rice fields, allowing them to dry out in preparation for planting. **Cotton** was 85 percent planted in locations around the State. Pasture and rangeland condition were rated as 65 percent good to excellent.

## FRUIT CROPS

In Fresno County, **grapes** continued to bloom. Powdery mildew pressure was anticipated to be high due to the rainy and cloudy days. Fungicide applications were applied as a proactive treatment to control powdery mildew. **Peach** and **apple** orchards were thinned. Early cot **apricots** and Snow angel **peaches** were harvested and shipped. **Cherry** harvest was well underway, and cherries were transported to packing sheds. The quality of cherries were improving as the local varieties continued to be harvested. **Olive** orchards were blooming. Mature olive trees were removed from a few groves for landscaping purposes.

## NUT CROPS

In Fresno County, **pistachios** received nutrient sprays. **Walnuts** received herbicide and insecticide sprays. In Stanislaus County, some older walnut orchards were still in the process removal.

## VEGETABLE CROPS

In San Joaquin County, **tomatoes** were transplanted in fields. In Stanislaus County, **broccoli** was harvested. **Corn**, **melons**, **beans**, and tomatoes were planted. In Monterey County, warm weather and rain led to increased insect pressure. The pressure appears to be higher in **lettuce** than that experienced a year ago. Ground preparation for second plantings occurred frequently. All row crops were in full production with harvest increasing daily. In San Mateo County, fields were fumigated as the wind permitted. **Artichokes** and **leeks** were harvested. In Fresno County, processing tomato planting continued. Sulfur was applied to older plants and the earliest fields were approaching full bloom. Copper was applied to organic processing tomato fields to control bacterial speck. **Onions** were sprayed for powdery mildew and onions for seed were blooming. Planting continued for red, yellow, and green **Bell peppers**. **Watermelon** vines were cultivated and trained. **Garlic** was progressing nicely. In Tulare County, onions were maturing. Local certified producers were still planting summer vegetables. Early planted **sweet corn** was germinating.

## LIVESTOCK

In San Joaquin County, dairy farmers cleaned out corrals. Bees completed pollination in almond orchards. Rangeland remained green for foraging.

CALIFORNIA CROP WEATHER – WEEK ENDING 5/1/2016

STATIONS	TEMPERATURE				GROWING DEGREE DAYS AT 60°F BASE		RAIN DAYS	PRECIPITATION 1/			
	Average Week Ending 5/1/2016	Departure from Normal 2/	High	Low	This Year	Normal Year 2/	This Season	This Week	This Season	Normal Season 2/	Normal Year 2/
					January 1- 5/1/2016	January 1- 5/1/2016	July 1- 5/1/2016	Week Ending 5/1/2016	July 1- 5/1/2016	July 1- 5/1/2016	July 1- June 30
	-- Degrees Fahrenheit --				-- Number --		-- Days 3/ --	-- Inches of Precipitation --			
North Coast											
Eureka WFO	53	2	72	43	12	0	127	0.32	46.55	35.97	38.10
Ukiah	57	-2	83	38	79	17	90	0.25	36.20	37.52	38.90
Santa Rosa	61	2	84	40	77	48	75	0.03	30.26	30.05	31.01
Napa State Hosp	62	3	86	42	109	46	74	0	24.57	25.58	26.46
Central Coast											
San Francisco	57	0	80	47	117	14	61	0.04	18.53	19.66	20.11
San Jose	61	-2	84	45	194	96	56	0.06	14.59	14.58	15.08
Salinas	57	-1	80	43	124	18	52	0.05	13.65	12.61	12.91
Monterey	56	1	81	47	91	0	62	0.02	21.54	19.71	20.35
King City Ag	58	-4	86	38	110	65	51	0.07	9.84	12.01	12.30
Paso Robles	61	2	83	36	87	30	41	0	9.26	12.85	13.08
Sacramento Valley											
Redding	65	5	85	45	247	62	80	0.02	41.10	31.29	33.52
Red Bluff	66	3	86	47	209	98	73	0	26.09	22.60	24.07
Willows 6W	64	4	86	42	170	71	57	0	16.17	17.99	19.03
Oroville	64	3	86	44	192	82	75	0	21.06	27.53	28.75
Marysville	64	-1	86	41	153	151	68	0.12	21.56	21.12	22.07
Sacramento	64	3	86	46	163	89	61	0.45	17.91	17.24	17.93
San Joaquin Valley											
Stockton	64	1	86	47	161	115	63	0.56	18.65	13.29	13.84
Modesto	65	2	88	48	254	171	48	0.03	14.95	12.48	13.12
Merced Macready	62	-2	85	42	143	114	49	0.92	14.55	12.00	12.50
Madera	63	-1	86	42	189	130	50	0.02	13.30	11.44	11.94
Fresno	64	-1	87	46	281	144	53	0.02	14.44	10.65	11.23
Lemoore NAS	62	-3	87	38	223	135	37	0.15	6.34	7.53	7.89
Visalia	63	-2	87	43	206	144	46	0	9.02	10.56	11.03
Bakersfield	65	-2	88	47	374	198	33	0.21	4.88	6.15	6.49
Cascade Sierra											
Alturas	47	0	68	25	0	0	101	0.18	14.08	10.10	12.13
Mount Shasta	50	2	74	31	10	0	106	0.13	43.61	36.44	39.16
Blue Canyon	46	-3	61	30	10	0	89	0.37	68.75	62.79	66.36
Yosemite Valley	52	-2	73	35	9	0	74	0.35	37.02	35.48	37.73
South Coast											
Santa Maria	57	2	79	42	196	2	49	0	8.86	13.67	14.01
Santa Barbara	59	-1	77	44	143	99	34	0	11.78	16.65	16.93
Oxnard NWS	58	-2	70	44	235	103	28	0	8.96	15.38	15.62
Riverside	62	-3	77	46	540	229	41	0.13	9.05	9.94	10.22
Los Angeles	61	-2	70	51	305	230	36	0	10.25	12.85	13.15
San Diego	63	-2	69	56	448	303	45	0	10.10	10.50	10.77
Southeast Interior											
Bishop	57	0	75	37	27	21	20	0.01	3.28	4.55	5.02
Daggett	65	-3	82	49	456	281	32	0.16	2.93	4.00	4.17
Lancaster ATC	61	-1	80	45	153	90	28	0	6.83	7.23	7.40
Thermal	75	-1	90	56	900	667	11	0	2.86	3.45	3.53
Blythe	72	-3	92	52	989	619	18	0.04	1.86	4.00	4.02
Imperial CA	73	0	93	52	991	616	14	0	1.09	2.92	2.96

1/ Precipitation (rain or melted snow/ice).  
2/ Normal periods 1970-2000 used in Departure From Normal calculations.  
3/ Total number of days with precipitation events this season.  
  
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